

Appl. No. 10/031,613

**AMENDMENTS TO THE SPECIFICATION****IN THE SPECIFICATION:**

Please insert the following heading after the title and before the paragraph added on page 1, line 1, in the January 22, 2002 Preliminary Amendment:

**--CROSS-REFERENCE TO RELATED APPLICATION--**

Please insert the following heading before the paragraph beginning on page 1, line 3:

**--BACKGROUND OF THE INVENTION--**

Please add the following heading and paragraphs before the paragraph beginning on page 1, line 19:

**--BRIEF DESCRIPTION OF THE DRAWINGS**

FIG. 1 shows an original electric signal and a modulated electric signal by a process in accordance with an embodiment of the present invention;

FIG. 2 shows a schematic view of an apparatus for modulating an original electric signal in accordance with an embodiment of the present invention; and

FIG. 3 shows a schematic view of an apparatus for modulating an original electric signal in accordance with an embodiment of the present invention.

**DETAILED DESCRIPTION OF THE EMBODIMENTS--**